

## DAFTAR PUSTAKA

- Anggraini, U. D. (2017). *Respon Tanaman Kedelai (Glycine Max L. Merril) Terhadap Tinggi Muka Air Tanah Dan Pemberian Dosis Pupuk Majemuk Di Media Gambut*. <https://www.neliti.com/publications/201227/respon-tanaman-kedelai-glycine-max-l-merril-terhadap-tinggi-muka-air-tanah-dan-p>
- Ariani, E. (2017). *Aplikasi Trichokompos dan Pupuk NPK pada Bibit Kakao (Theobroma cacao L.) di Medium Gambut*. 2–3. <https://media.neliti.com/media/publications/198533-none.pdf/> Jurnal Online Mahasiswa Fakultas Pertanian Universitas Riau, vol 79, 274-285> [Diakses, 21 Agustus 2021]
- Dirjenbun. (2019). *Statistik Perkebunan Indonesia 2018-2020* (E. Pudjianto, U. Asep, & E. Magdalena (eds.)). Sekretariat Direktorat Jendral Perkebunan.
- Doring, T., U, H., T, T., M, Finckch, H., & Saucke. (2006). *Aspect of straw mulching in organic potatoes-I, effects on microclimate, Phytophthora infestans, and Rhizoctonia solani*. *Nachrichtenbl.*
- Fauzi, Y., E. Widyastuti, Y., Satyawibawa, I., & Paeru, R. H. (2012). *Kelapa Sawit*. Penebar Swadaya.
- Firmansyah, A. (2010). *Teknik Pembuatan Kompos*. [Http://Kalteng.Litbang.Pertanian.Go.Id/Ind/Images/Data/Teknik-Kompos.Pdf, 1. http://kalteng.litbang.pertanian.go.id/ind/images/data/teknik-kompos.pdf](http://Kalteng.Litbang.Pertanian.Go.Id/Ind/Images/Data/Teknik-Kompos.Pdf, 1. http://kalteng.litbang.pertanian.go.id/ind/images/data/teknik-kompos.pdf)[Diakses, 22 Agustus 2021]
- Harahap, II, Hidayat, Y., Pangaribuan, Yusran T.C. Simangunsong, G., Listia, & Rahutomo, E. (2011). *Mucuna Bracteata pengembangan dan pemanfaatannya di perkebunan kelapa sawit*. Pusat Penelitian Kelapa Sawit.
- Hartoyo, & Nurmala. (1990). *Pembuatan arang aktif dari tempurung biji-bijian asal tanaman hutan dan perkebunan*. <https://www.scribd.com/doc/295386436/Arang-Aktif>[Diakses, 22 Agustus 2021]
- Helviana, R. (2016). *Aplikasi Kompos Kulit Buah Kakao Pada Bibit Tanaman Kakao (Theobroma cacao L.)*. *Journal Agribussienis and Agrotechnologi* vol1 no.1 5–6. [https://media.neliti.com/media/publications/199877-none.pdf/>\[Diakses, 21 Agustus 2020\]>\[Diakses, 21 Agustus 2020](https://media.neliti.com/media/publications/199877-none.pdf/>[Diakses, 21 Agustus 2020]>[Diakses, 21 Agustus 2020)
- Jumin, H. B. (2002). *Agronomi*. PT. Raja Grafindo Persada.
- Lubis, R. effendi, & Widanarko, A. (2011). *Buku Pintar Kelapa Sawit*. AgroMedia Pustaka.

- Mangoensoekarjo, S. (2005). *Manajemen Agrobisnis Kelapa Sawit*. Gadjah Mada University Press.
- Merill, L., & Cahaya, I. (2012). *Respons Morfologi dan Anatomi Kecambah Kacang Kedelai ( Glycine max (L.) Merrill) terhadap Intensitas Cahaya yang Berbeda (Morphological and Anatomical Responses of The Soybean ( Glycine max (L.) Merrill) Sprouts to The Different Light Intensity)*. *Biospecies* Vol. 11 No. 2, Juli 2018. Hal 53 - 62 Diakses [21 Agustus 2021]
- Novizan. (2002). *Petunjuk Pemupukan yang Efektif*. Agro Media Pustaka.
- Pahan, I. (2006). *Panduan Lengkap Kelapa Sawit*. Penebar Swadaya.
- Pranata, A. (2005). *Pupuk Organik Cair: Aplikasi dan Manfaatnya*. AgroMedia Pustaka.
- Purwowidodo. (1983). *Teknologi Mulsa*. Dewaruci Press.
- Rasmawan. (2009). *Pemanfaatan Limbah Kelapa Sawit Pakan Ternak Sapi*. <http://library.usu.ac.id>.
- Rukmana, R., & Saputra, S. (1999). *Gulma dan Teknik Pengendalian*. Kanisius.
- Safitri, R. (2016). *Aplikasi Hijauan dan Kompos Mucuna bracteata Pada Tanaman Sawi Hijau (Brassica Juncea L.)*. *Jurnal JOM FAPERTA* vol vol. 4, no. 1, Feb. 2017, pp. 1-10. [10.https://media.neliti.com/media/publications/186978-ID-aplikasi-hijauan-dan-kompos-mucuna-bract.pdf](https://media.neliti.com/media/publications/186978-ID-aplikasi-hijauan-dan-kompos-mucuna-bract.pdf) [Diakses 21 Agustus 2021]
- Santoso. (2008). *Kajian Morfologis dan Fisiologis Beberapa Varietas Padi Gogo (Oryza sativa L.) Terhadap Cekaman Kekeringan*. 58 (3), 15. <https://eprints.uns.ac.id/6587/1/76781507200904231.pdf> [Diakses 21 Agustus 2021]
- Sutedjo. (1999). *Pupuk dan Cara Pemupukan*. Rineka Cipta.
- Suwarto, Hermawati, S., & Octavianty, Y. (2014). *Tanaman Perkebunan*. Penebar Swadaya.
- Widarto, L., & Suryanta. (2008). *Membuat Bioarang dari Kotoran Lembu* (6th ed.). Kanisius.
- Yusdian, Y., Karya, & Vaisal, R. (2018). *Pengaruh Dosis Pupuk Kandang Ayam Terhadap Pertumbuhan dan Hasil Tanaman Kentang (Solanum tuberosum L.) Varietas Granola*, *jurnal ilmiah pertanian* vol.6 no.18. [http://download.garuda.ristekdikti.go.id/article.php?article=929850&val=14418&title=Pengaruh Dosis Pupuk Kandang Ayam Terhadap Pertumbuhan dan Hasil Tanaman Kentang \(Solanum tuberosum L.\) Varietas Granola](http://download.garuda.ristekdikti.go.id/article.php?article=929850&val=14418&title=Pengaruh%20Dosis%20Pupuk%20Kandang%20Ayam%20Terhadap%20Pertumbuhan%20dan%20Hasil%20Tanaman%20Kentang%20(Solanum%20tuberosum%20L.)%20Varietas%20Granola) [Diakses, 22 Agustus 2021]

# LAMPIRAN

### Lampiran 1. Sidik Ragam Pertumbuhan Tinggi Bibit

| Sumber keragaman | db | JK       | KT      | Fhit    | Sig     |
|------------------|----|----------|---------|---------|---------|
| Perlakuan        | 11 | 105.295  | 162.191 | .000    | 105.295 |
| Mulsa            | 2  | 45.034   | 2       | 22.517  | 34.684  |
| Ketebalan mulsa  | 3  | 1063.826 | 3       | 354.609 | 546.222 |
| Mulsax Ketebalan | 6  | 49.383   | 6       | 8.231   | 12.678  |
| Error            | 48 | 31.162   | 48      | .649    |         |
| Error            | 59 | 1189.404 |         |         |         |

### Lampiran 2. Sidik Ragam Pertumbuhan Jumlah Daun

| Sumber keragaman | db                 | JK | KT       | Fhit      | Sig  |
|------------------|--------------------|----|----------|-----------|------|
| Perlakuan        | 8.983 <sup>a</sup> | 11 | .817     | 3.920     | .000 |
| Mulsa            | 8190.017           | 1  | 8190.017 | 39312.080 | .000 |
| Ketebalan mulsa  | 1.733              | 2  | .867     | 4.160     | .022 |
| Mulsax Ketebalan | 4.717              | 3  | 1.572    | 7.547     | .000 |
| Error            | 2.533              | 6  | .422     | 2.027     | .080 |
| Error            | 10.000             | 48 | .208     |           |      |

### Lampiran 3. Sidik Ragam Pertumbuhan Luas Daun

| Sumber keragaman | db                    | JK | KT          | Fhit      | Sig  |
|------------------|-----------------------|----|-------------|-----------|------|
| Perlakuan        | 2927.639 <sup>a</sup> | 11 | 266.149     | 16.826    | .000 |
| Mulsa            | 1124562.313           | 1  | 1124562.313 | 71094.005 | .000 |
| Ketebalan mulsa  | 14.136                | 2  | 7.068       | .447      | .642 |
| Mulsax Ketebalan | 2903.095              | 3  | 967.698     | 61.177    | .000 |
| Error            | 10.407                | 6  | 1.735       | .110      | .995 |
| Error            | 759.262               | 48 | 15.818      |           |      |

#### Lampiran 4. Sidik Ragam Pertumbuhan Berat Segar Tajuk

| Sumber keragaman | db                    | JK | KT         | Fhit      | Sig  |
|------------------|-----------------------|----|------------|-----------|------|
| Perlakuan        | 4417.017 <sup>a</sup> | 11 | 401.547    | 62.751    | .000 |
| Mulsa            | 541834.452            | 1  | 541834.452 | 84674.290 | .000 |
| Ketebalan mulsa  | 60.808                | 2  | 30.404     | 4.751     | .013 |
| Mulsax Ketebalan | 4310.085              | 3  | 1436.695   | 224.517   | .000 |
| Error            | 46.123                | 6  | 7.687      | 1.201     | .322 |
| Error            | 307.154               | 48 | 6.399      |           |      |

#### Lampiran 5. Sidik Ragam Pertumbuhan Berat Kering Tajuk

| Sumber keragaman | db         | JK | KT         | Fhit      | Sig  |
|------------------|------------|----|------------|-----------|------|
| Perlakuan        | 16880.368a | 11 | 1534.579   | 530.714   | .000 |
| Mulsa            | 243348.027 | 1  | 243348.027 | 84158.648 | .000 |
| Ketebalan mulsa  | 18.661     | 2  | 9.330      | 3.227     | .048 |
| Mulsax Ketebalan | 16850.145  | 3  | 5616.715   | 1942.466  | .000 |
| Error            | 11.562     | 6  | 1.927      | .666      | .677 |
| Error            | 138.794    | 48 | 2.892      |           |      |

#### Lampiran 6. Sidik Ragam Pertumbuhan Panjang Akar

| Sumber keragaman | db                    | JK | KT         | Fhit      | Sig  |
|------------------|-----------------------|----|------------|-----------|------|
| Perlakuan        | 2476.780 <sup>a</sup> | 11 | 225.162    | 18.219    | .000 |
| Mulsa            | 184890.488            | 1  | 184890.488 | 14960.743 | .000 |
| Ketebalan mulsa  | 28.185                | 2  | 14.092     | 1.140     | .328 |
| Mulsax Ketebalan | 2420.042              | 3  | 806.681    | 65.274    | .000 |
| Error            | 28.554                | 6  | 4.759      | .385      | .885 |
| Error            | 593.202               | 48 | 12.358     |           |      |

**Lampiran 7. Sidik Ragam Pertumbuhan Berat Segar Akar**

| Sumber keragaman | db        | JK | KT        | Fhit      | Sig  |
|------------------|-----------|----|-----------|-----------|------|
| Perlakuan        | 433.768a  | 11 | 39.433    | 26.189    | .000 |
| Mulsa            | 27527.699 | 1  | 27527.699 | 18282.104 | .000 |
| Ketebalan mulsa  | .454      | 2  | .227      | .151      | .860 |
| Mulsax Ketebalan | 428.869   | 3  | 142.956   | 94.942    | .000 |
| Error            | 4.445     | 6  | .741      | .492      | .811 |
| Error            | 72.274    | 48 | 1.506     |           |      |

**Lampiran 8. Sidik Ragam Pertumbuhan Berat Kering Akar**

| Sumber keragaman | db        | JK | KT        | Fhit      | Sig  |
|------------------|-----------|----|-----------|-----------|------|
| Perlakuan        | 433.768a  | 11 | 39.433    | 26.189    | .000 |
| Mulsa            | 27527.699 | 1  | 27527.699 | 18282.104 | .000 |
| Ketebalan mulsa  | .454      | 2  | .227      | .151      | .860 |
| Mulsax Ketebalan | 428.869   | 3  | 142.956   | 94.942    | .000 |
| Error            | 4.445     | 6  | .741      | .492      | .811 |
| Error            | 72.274    | 48 | 1.506     |           |      |